

### **REMARKS**

Claims 1-4, 8, 9 and 12 are pending in this application. Claims 1-4 and 12 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Sacripante et al. (US Patent No. 6,025,412). Claims 1-4, 8 and 9 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Kurabayashi (U.S. Patent No. 6,790,878).

#### **Core-shell Structure**

One of the most distinct features of the water insoluble colored polymer particles of the present claims is that the polymer particles each has "a core-shell structure". This was explained in the Response filed with the USPTO on November 23, 2005.

In addition, the Amendment is supported by Examples disclosed from page 67, line 15 to page 70, line 5, under the title of <<Preparation of Polymer-Coated Dye Dispersion: Type B>>.

Regarding Type B, the first polymer is "polyvinyl butyral" (page 67, lines 17-18), and the second polymer is "styrene/2-hydroxyethyl methacrylate" (page 68, line 16).

#### **Weight Ratio**

"A weight ratio of the polymer to the dye" is amended as "a weight ratio of the first polymer and the second polymer to the dye". This is supported by the description of page 50, lines 3-5. "The polymer" on the previously amended claim 1 should indicate "a total of the first polymer and the second polymer" in the currently amended claim 1.

#### **Claim Rejections**

Claims 1-4 and 12 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Sacripante et al. (US Patent No. 6,025,412).

Claims 1-4, 8, and 9 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Kurabayashi (U.S. Patent No. 6,790,878).

Neither Sacripante nor Kurabayashi teaches or suggest using polymer particles having a core-shell structure as recited in the currently amended claim 1. Both Sacripante and Kurabayashi have no motivation to solve the problems of the present invention.

The effects of the present invention obtained by the use of the core-shell polymer particles are described in the Examples of the present specification.

Removal of the rejection and allowance of the claims is respectfully requested.

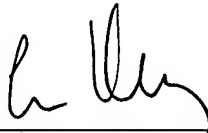
Should the Examiner have any questions or concerns, the Examiner is invited to call the undersigned attorney of record.

Respectfully submitted,

Date: May 5, 2006

---

Squire, Sanders & Dempsey L.L.P.  
One Maritime Plaza  
Suite 300  
San Francisco, CA 94111  
Facsimile (415) 393-9887  
Telephone (415) 954-0323  
ckerrigan@ssd.com



---

Cameron K. Kerrigan  
Attorney for Applicants  
Reg. No. 44,826